

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## APPLICATION FOR PERMIT TO DRILL, DEEPEN

1a. TYPE OF WORK <b>DRILL</b> <input type="checkbox"/> <b>DEEPEN</b> <input checked="" type="checkbox"/> <b>RE-ENTER</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>FEE</b>
1b. TYPE OF WELL <b>OIL</b> <input checked="" type="checkbox"/> <b>GAS</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/> <b>SINGLE ZONE</b> <input type="checkbox"/> <b>MULTIPLE ZONE</b> <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>
2. NAME OF OPERATOR <b>Newfield Production Company</b>		7. UNIT AGREEMENT NAME <b>N/A</b>
3. ADDRESS AND TELEPHONE NUMBER: <b>Route #3 Box 3630, Myton, UT 84052</b> Phone: <b>(435) 646-3721</b>		8. FARM OR LEASE NAME <b>N/A</b>
4. LOCATION OF WELL (FOOTAGE) At Surface <b>NE/SW 594684X 1733' FSL 2086' FWL 40.103414</b> At proposed Producing Zone <b>4439616Y -109.889132</b>		9. WELL NO. <b>Osmond-Meyer 11-28-4-1E</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>Approximately 27.0 miles southeast of Myton, UT</b>		10. FIELD AND POOL OR WILDCAT <i>Under signed</i> <del>Monument Bette</del>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>Approx. 413' f/lse line and NA' f/unit line</b>	16. NO. OF ACRES IN LEASE <b>NA</b>	11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NE/SW Sec. 28, T4S, R1E</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>Approx. 1392'</b>	19. PROPOSED DEPTH <b>6550'</b>	12. County <b>Uintah</b>
20. ROTARY OR CABLE TOOLS <b>Rotary</b>		13. STATE <b>UT</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>4858' GL</b>		22. APPROX. DATE WORK WILL START* <b>4th Quarter 2008</b>
23. <b>PROPOSED CASING AND CEMENTING PROGRAM</b>		
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT
<b>12 1/4</b>	<b>8 5/8</b>	<b>24#</b>
<b>7 7/8</b>	<b>5 1/2</b>	<b>15.5#</b>
SETTING DEPTH	QUANTITY OF CEMENT	
<b>290'</b>	<b>155 sx +/- 10%</b>	
<b>TD</b>	<b>275 sx lead followed by 450 sx tail</b>	
	<b>See Detail Below</b>	

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

**\*The actual cement volumes will be calculated off of the open hole logs, plus 15% excess:**

**SURFACE PIPE** - 155 sx Class G Cement +/- 10%, w/ 2% CaCl<sub>2</sub> & 1/4#/sk Cello-flake  
Weight: 15.8 PPG YIELD: 1.17 Cu Ft/sk H<sub>2</sub>O Req: 5 gal/sk

**LONG STRING** - Lead: Premium Lite II Cement + 3lbs/sk BA-90 + 3% KCl + .25 lbs/sk Cello Flake + 2 lbs/sk Kol Seal + 10% Bentonite + .5% Sodium Metasilicate  
Weight: 11.0 PPG YIELD: 3.43 Cu Ft/sk H<sub>2</sub>O Req: 21.04 gal/sk

Tail: 50-50 Poz-Class G Cement + 3% KCl + .25 lbs/sk Cello Flake + 2% Bentonite + .3% Sodium Metasilicate  
Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H<sub>2</sub>O Req: 7.88 gal/sk

24. Name & Signature *Mandie Crozier* Title: Regulatory Specialist Date: 7/25/2008  
**Mandie Crozier**

(This space for State use only)

API Number Assigned: 43047-40259

APPROVAL: \_\_\_\_\_

**RECEIVED**

**JUL 28 2008**

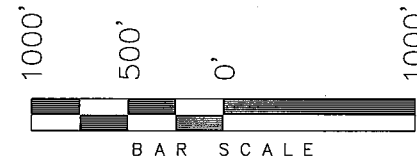
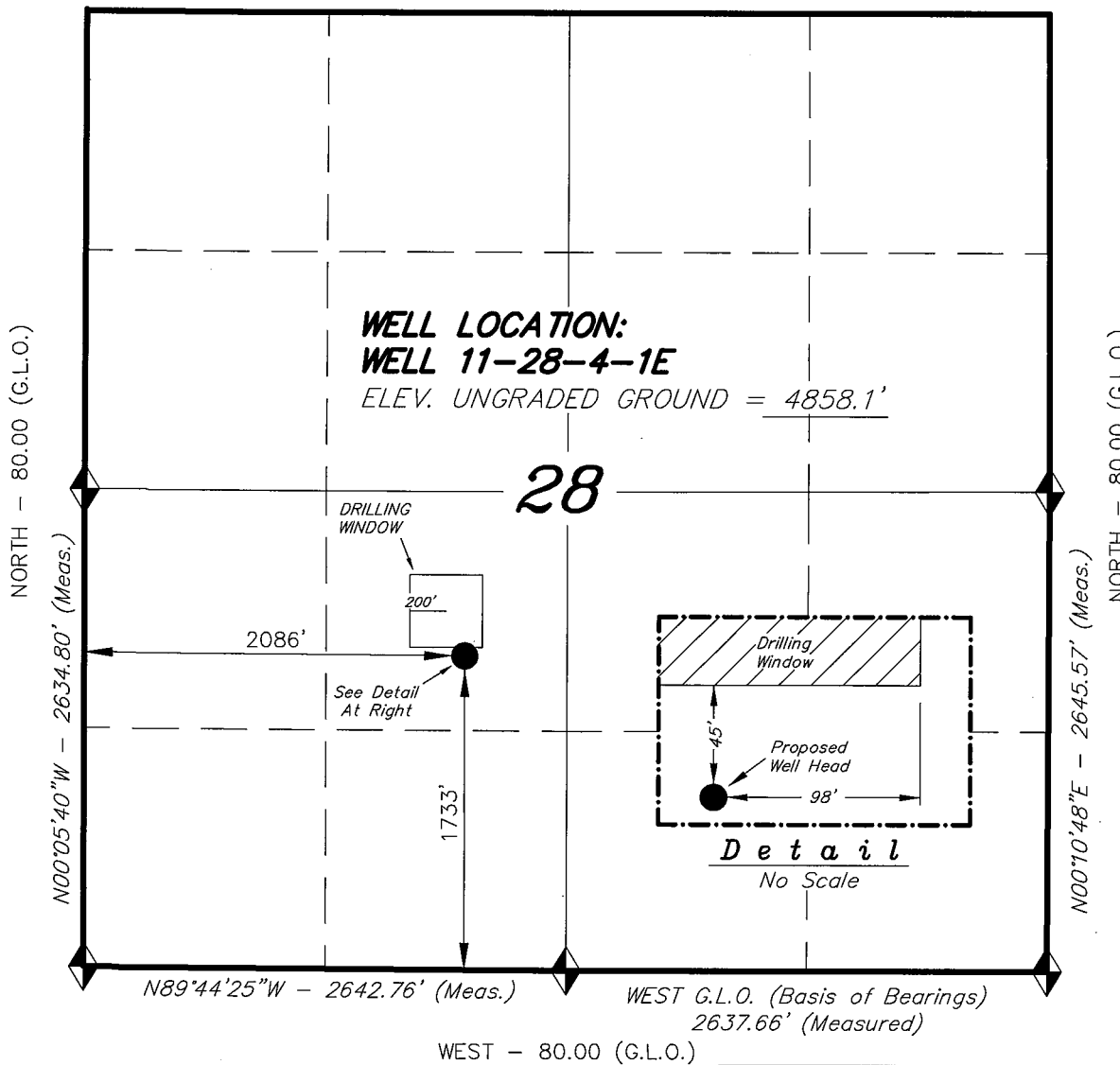
**DIV. OF OIL, GAS & MINING**

**T4S, R1E, U.S.B.&M.**

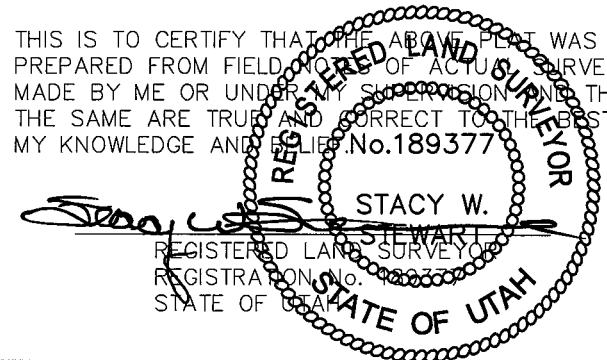
**NEWFIELD PRODUCTION COMPANY**

WEST - 80.00 (G.L.O.)

WELL LOCATION, WELL 11-28-4-1E,  
LOCATED AS SHOWN IN THE NE 1/4  
SW 1/4 OF SECTION 28, T4S, R1E,  
S.L.B.&M. UTAH COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;  
U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW)

**WELL 11-28-4-1E**  
**(Surface Location) NAD 83**  
LATITUDE = 40° 06' 12.67"  
LONGITUDE = 109° 53' 23.25"

**TRI STATE LAND SURVEYING & CONSULTING**

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

DATE SURVEYED: 06-10-08	SURVEYED BY: T.H.
DATE DRAWN: 06-12-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

MEMORANDUM  
of  
EASEMENT, RIGHT-OF-WAY  
and  
SURFACE USE AGREEMENT

This Easement, Right-of-Way and Surface Use Agreement ("Agreement") is entered into this 18<sup>th</sup> day of January 2008 by and between **Kendall Investments LLC, Mike Kendall, 1638 East Gorden Ave, Layton, Utah 84040** ("Surface Owner," whether one or more), and NEWFIELD PRODUCTION COMPANY, a Texas corporation ("NEWFIELD"), with offices at 1401 Seventeenth Street, Suite 1000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Uintah County, Utah described as follows:

Township 4 South, Range 1 East  
Section 28: S/2  
Section 33: Lots 1,2,3,4  
Uintah County, Utah

being, 449 acres more or less,

and associated roads and pipeline routes beginning at each wellsite and traversing the lands as shall be agreed upon prior to the construction of same.

For and in consideration of the sum of ten dollars (\$10.00), and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby agree to the terms and provisions set forth as follows:

1. Compensation for Well; Release of All Claims

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement, Right-of Way and Surface Use by and between Surface Owner and NEWFIELD, dated January 18, 2008, as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's drilling or completion operations or its continuing activities for the production or transportation of oil, gas, or other hydrocarbons or products associated with the foregoing including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

2. Grant of Right of Way and Easement

Surface Owner hereby grants, bargains, leases, assigns, and conveys to NEWFIELD an easement and right-of-way for the purpose of construction, using and maintaining access roads, locations for surface equipment and subsurface gathering lines for each well drilled upon the Lands, pipelines, and pipeline interconnections for two years from date of this agreement and so long thereafter as NEWFIELD's oil and gas leases remain in effect.

This Agreement shall be binding upon the respective heirs, executors, administrators, successors, and assigns of the undersigned.

These Parties hereto have executed this document effective as of the day first above written.

KENDALL INVESTMENTS LLC

By: \_\_\_\_\_

Mike Kendall, President

NEWFIELD PRODUCTION COMPANY

By: \_\_\_\_\_

Gary D. Packer, President

MEMORANDUM  
of  
EASEMENT and RIGHT-OF-WAY

This Easement and Right-of-Way Agreement ("Agreement") is entered into this 6th day of December 2007 by and between, **Rex and LaRue Lamb Trust, Karl Lamb, trustee whose address is PO Box 374, Myton Utah 84052**, ("Surface Owner," whether one or more), and NEWFIELD PRODUCTION COMPANY, a Texas corporation ("NEWFIELD"), with offices at 1401 Seventeenth Street, Suite 1000, Denver, Colorado 80202, covering certain lands, (the "Lands") situated in Uintah County, Utah described as follows:

Township 4 South, Range 1 East

NWSE, NESE, Lot 1, Lot 2, Lot 3, Lot 4 Sec 29

NWNE, NENW, NWNW, SENW, SWNE, SENE, Lot 1, Lot 2, Lot 3, Lot 4 Sec 34

being, 569 acres more or less,

For and in consideration of the sum of ten dollars (\$10.00), and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby agree to the terms and provisions set forth as follows:

1. Compensation for Well; Release of All Claims

NEWFIELD shall pay to Surface Owner the sum as set forth in and according to the terms of that certain Letter Agreement for Easement and Right-of Way by and between Surface Owner and NEWFIELD, dated December 6, 2007 as full payment and satisfaction for any and all detriment, depreciation, injury or damage of any nature to the Lands or growing crops thereon that may occur as a result of NEWFIELD's continuing activities associated with drilling, producing, and transporting of oil and gas, including, but not limited to, surface use, access, pipelines, gathering lines, pipeline interconnections, and any and all other reasonable or customary uses of land related to said operations or activities.

2. Grant of Right of Way and Easement

Surface Owner hereby grants, bargains, leases, assigns, and conveys to NEWFIELD an easement and right-of-way for the purpose of construction, using and maintaining access roads, locations for surface equipment and subsurface gathering lines for each well drilled upon the Lands, pipelines, and pipeline interconnections for two years from date of this agreement and so long thereafter as NEWFIELD requires for the use of the subject lands to service its oil and gas operations on and in the vicinity of said lands.

This Agreement shall be binding upon the respective heirs, executors, administrators, successors, and assigns of the undersigned.

These Parties hereto have executed this document effective as of the day first above written.

**NEWFIELD PRODUCTION COMPANY**

By: \_\_\_\_\_  
Gary D. Packer, President

**SURFACE OWNER**

By: Karl Lamb  
Karl Lamb, Rex and LaRue Lamb Trustee

NEWFIELD PRODUCTION COMPANY  
OSMOND-MEYER 11-28-4-1E  
NE/SW SECTION 28, T4S, R1E  
UINTAH COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0 – 1,830'
Green River	1,830'
Wasatch	6,550'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation (Oil) 1,830' – 6,550'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO <sub>3</sub> ) (mg/l)
Dissolved Bicarbonate (NaHCO <sub>3</sub> ) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO <sub>4</sub> ) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. **PROPOSED CASING PROGRAM:**

Surface Casing: 8-5/8" J-55 24# w/ST&C collars; set at 290' (New)

Production Casing: 5-1/2" J-55, 15.5# w/LT&C collars; set at TD (New or used, inspected).

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to  $\pm 350$  feet will be drilled with an air/mist system. From about 350 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 290' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the fourth quarter of 2008, and take approximately seven (7) days from spud to rig release.

NEWFIELD PRODUCTION COMPANY  
OSMOND-MEYER 11-28-4-1E  
NE/SW SECTION 28, T4S, R1E  
UINTAH COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. **EXISTING ROADS**

See attached **Topographic Map “A”**

To reach Newfield Production Company well location site Osmond-Meyer 11-28-4-1E located in the NW¼ SE¼ Section 28, T4S, R1E, S.L.B. & M., Uintah County, Utah:

Proceed in a southeasterly direction out of Myton, approximately 16.9 miles to it's junction with an existing road to the northeast; proceed northeasterly approximately 6.2 miles to it's junction with an existing road to the northwest; proceed in a northwesterly direction approximately 2.2 miles to it's junction with an existing road to the northwest; proceed northwesterly approximately 1.0 miles to it's junction with the beginning of the proposed access road to the northwest; proceed along the proposed access road approximately 3,690' to the proposed well location.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. **PLANNED ACCESS ROAD**

Approximately 3,690' of access road is proposed. See attached **Topographic Map “B”**.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

Refer to **EXHIBIT B**.

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District  
Water Right: 43-10136

Neil Moon Pond  
Water Right: 43-11787

Maurice Harvey Pond  
Water Right: 47-1358

Newfield Collector Well  
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous



will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

**Fencing Requirements**

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

- a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** Kendall Investments LLC.

See attached Easement ROW and Surface Use Agreement.

12. **OTHER ADDITIONAL INFORMATION:**

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological and Paleontological Report Waiver is attached. See Exhibit "D".

**Additional Surface Stipulations**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

**Hazardous Material Declaration**

Newfield Production Company guarantees that during the drilling and completion of the Osmond-Meyer 11-28-4-1E, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Osmond-Meyer 11-28-4-1E Newfield will use, produce, store, transport or dispose less than the

threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**

Representative

Name: Dave Allred  
Address: Newfield Production Company  
Route 3, Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

Certification

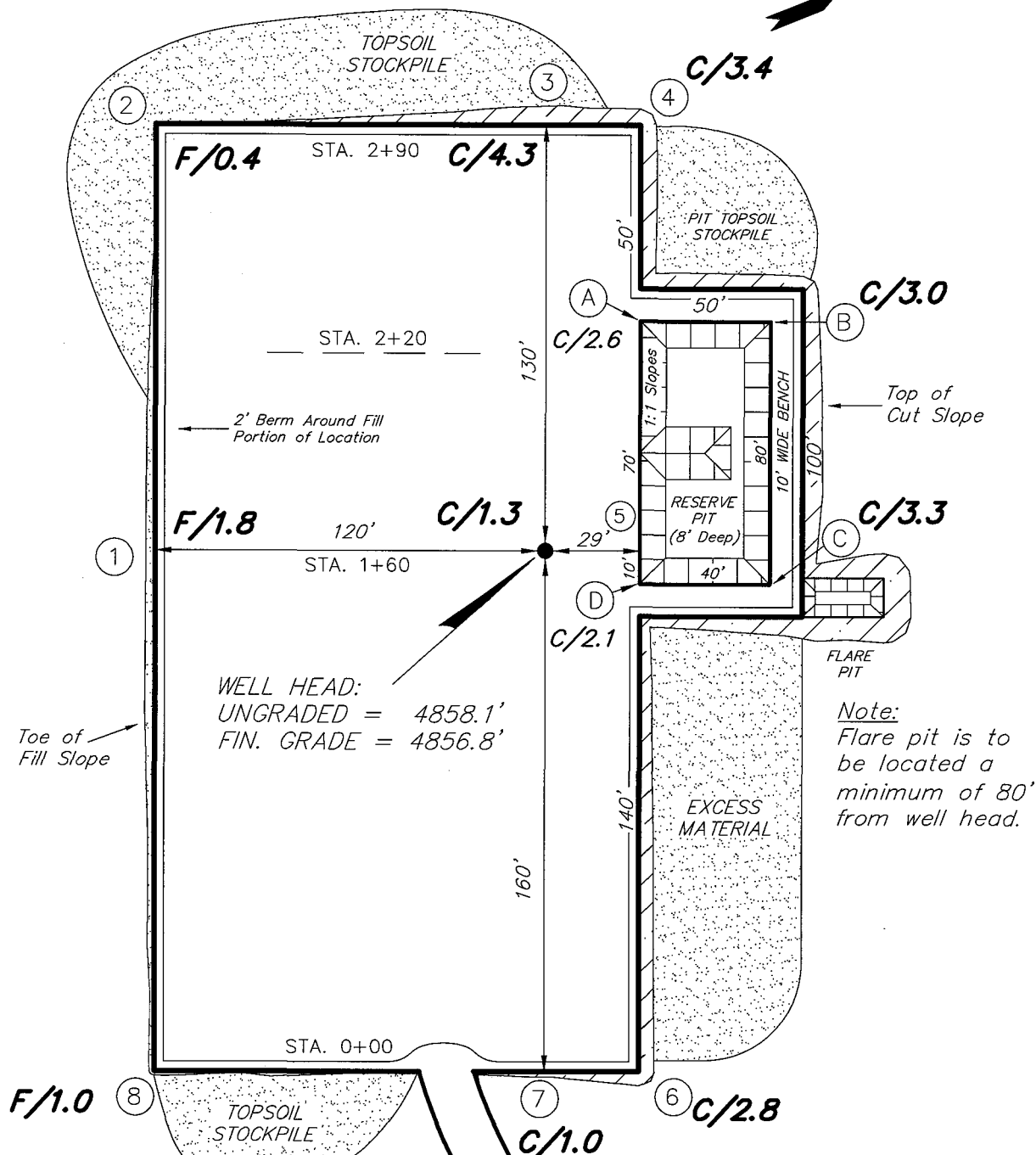
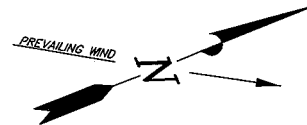
Please be advised that Newfield Production Company is considered to be the operator of well #11-28-4-1E, NE/SW Section 28, T4S, R1E, Uintah County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4471291.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

7/25/08  
Date

  
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

**WELL 11-28-4-1E**  
Section 28, T4S, R1E, U.S.B.&M.



180'	NORTHWEST	=	4860.3'
230'	NORTHWEST	=	4858.0'
170'	SOUTHWEST	=	4854.3'
220'	SOUTHWEST	=	4853.9'

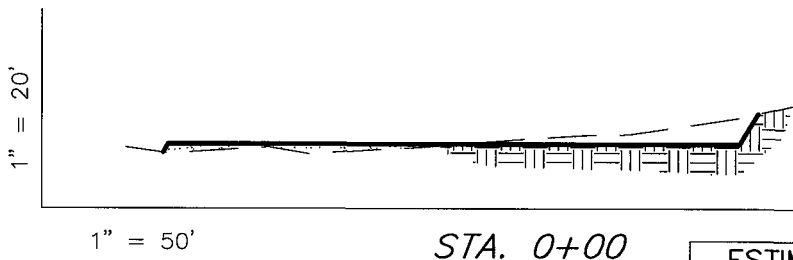
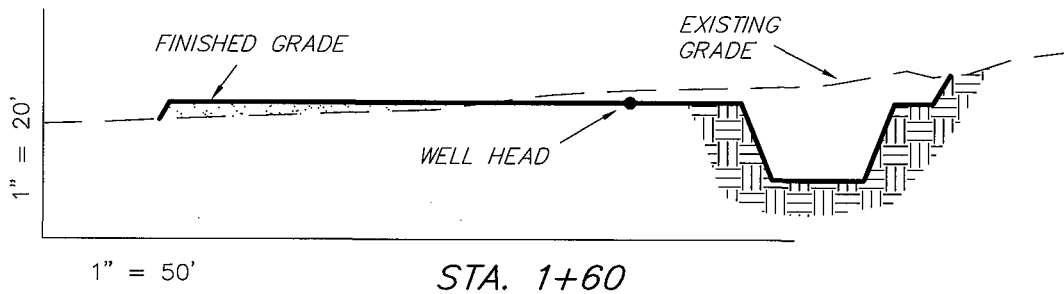
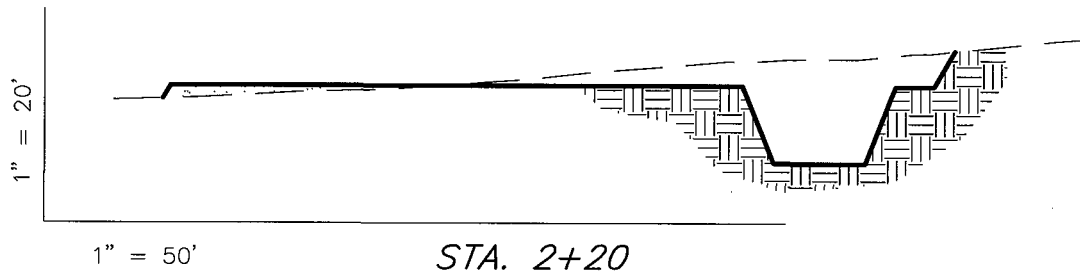
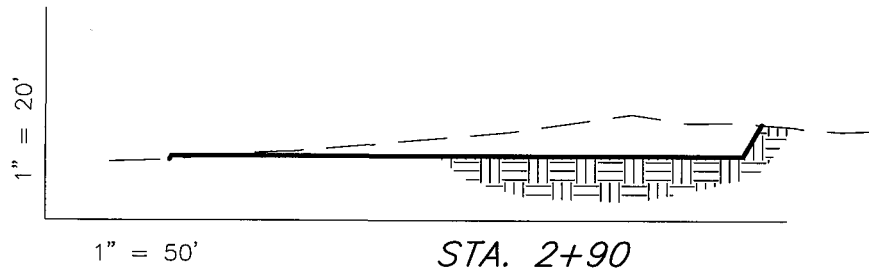
PROPOSED  
ACCESS ROAD  
(Max. 6% Grade)

SURVEYED BY: T.H.	DATE SURVEYED: 06-10-08
DRAWN BY: F.T.M.	DATE DRAWN: 06-12-08
SCALE: 1" = 50'	REVISED:

**Tri State** (435) 781-2501  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS WELL 11-28-4-1E



NOTE:  
UNLESS OTHERWISE  
NOTED ALL CUT/FILL  
SLOPES ARE AT 1.5:1

### ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,340	1,340	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	1,980	1,340	960	640

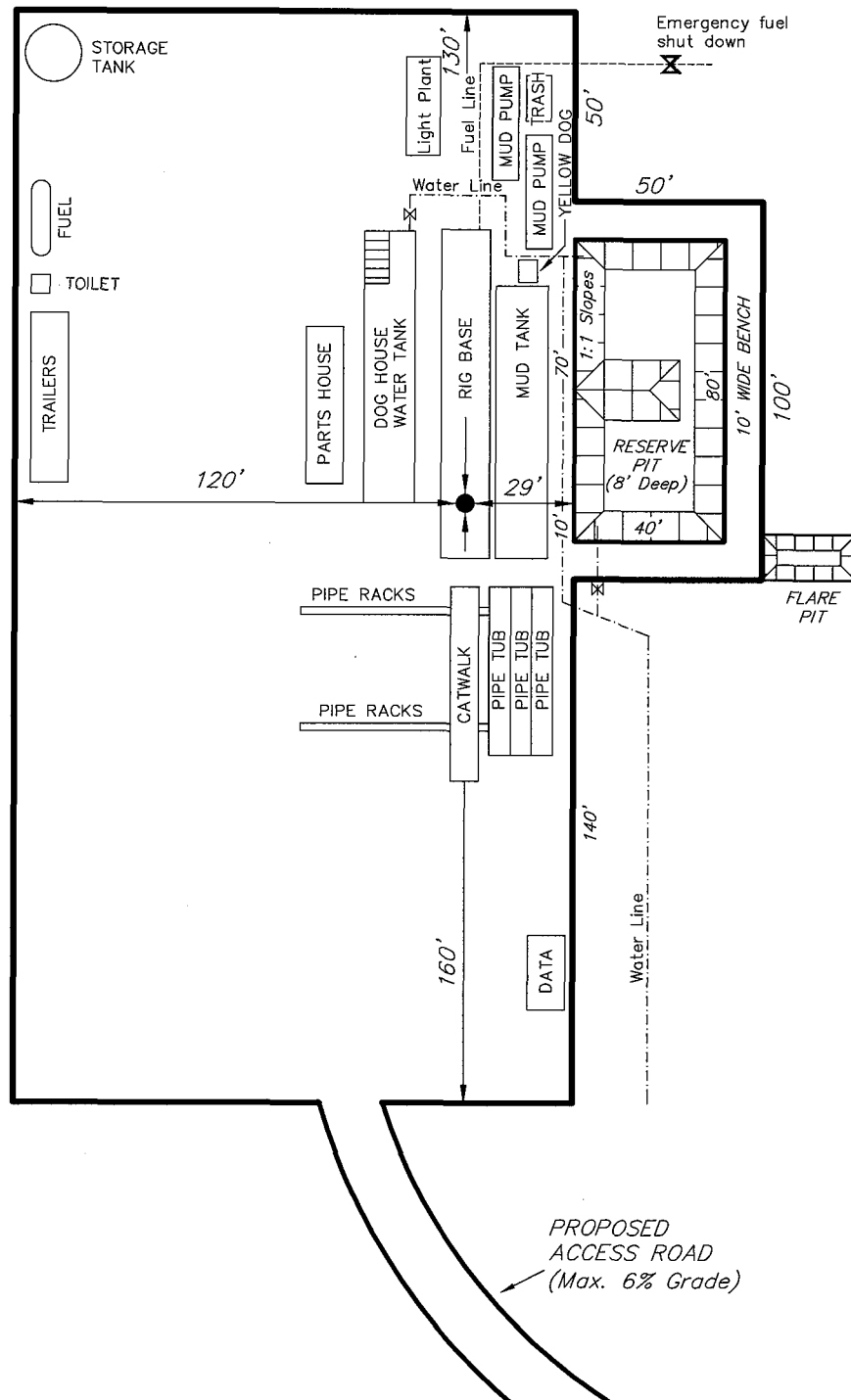
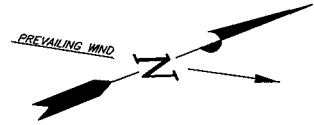
SURVEYED BY: T.H.      DATE SURVEYED: 06-10-08  
 DRAWN BY: F.T.M.      DATE DRAWN: 06-12-08  
 SCALE: 1" = 50'      REVISED:

**Tri State** (435) 781-2501  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

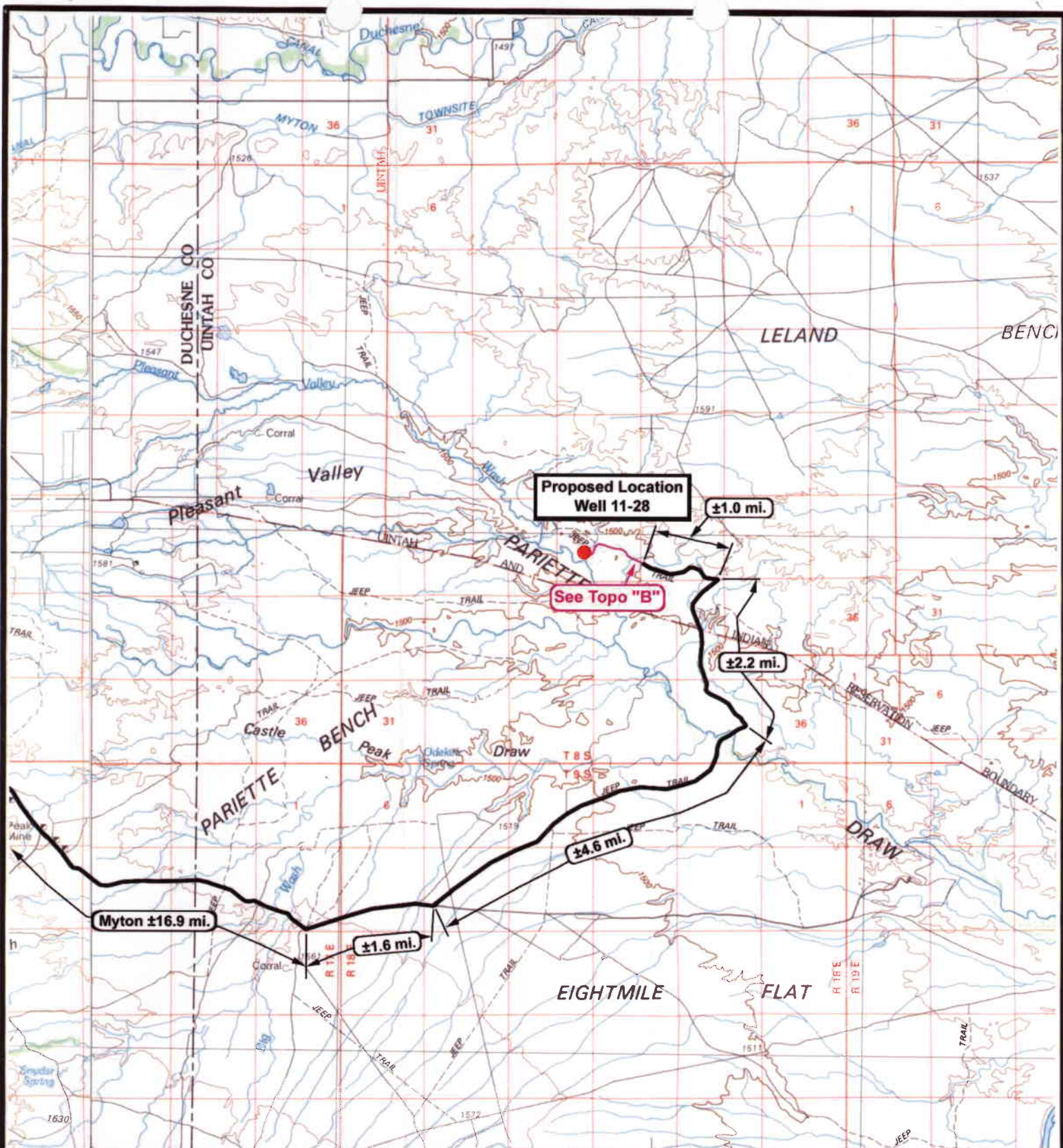
WELL 11-28-4-1E



SURVEYED BY: T.H.	DATE SURVEYED: 06-10-08
DRAWN BY: F.T.M.	DATE DRAWN: 06-12-08
SCALE: 1" = 50'	REVISED:

**Tri State**  
Land Surveying, Inc.  
(435) 781-2501  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078





**Well 11-28-4-1E**  
**SEC. 28, T4S, R1E, U.S.B.&M.**



**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

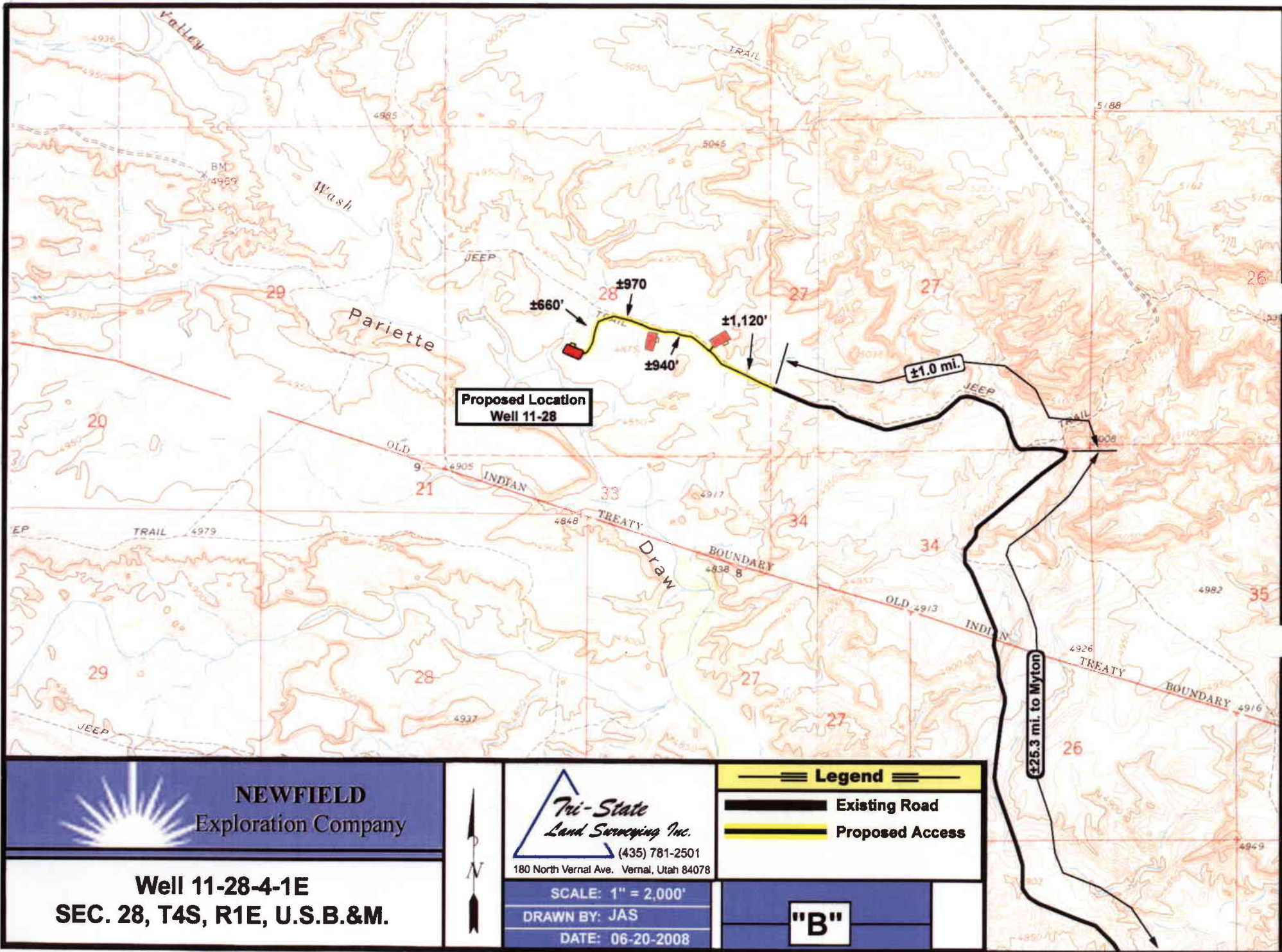
SCALE: 1 = 100,000  
DRAWN BY: JAS  
DATE: 06-20-2007

**Legend**  
Existing Road  
Proposed Access

TOPOGRAPHIC MAP

**"A"**





**Well 11-28-4-1E**  
**SEC. 28, T4S, R1E, U.S.B.&M.**



*Tri-State*  
*Land Surveying Inc.*  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: JAS  
DATE: 06-20-2008

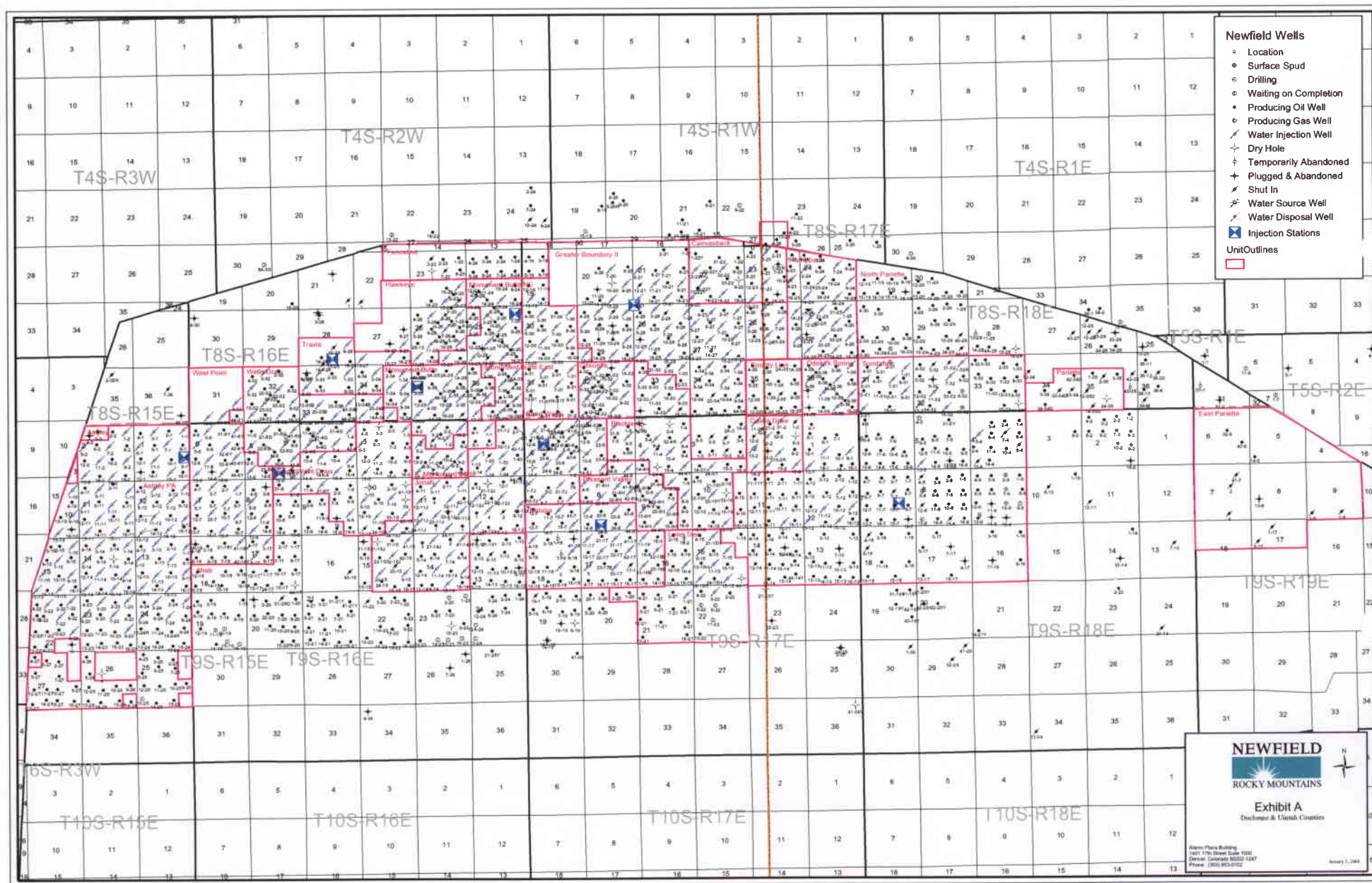
**Legend**  
Existing Road  
Proposed Access

"B"

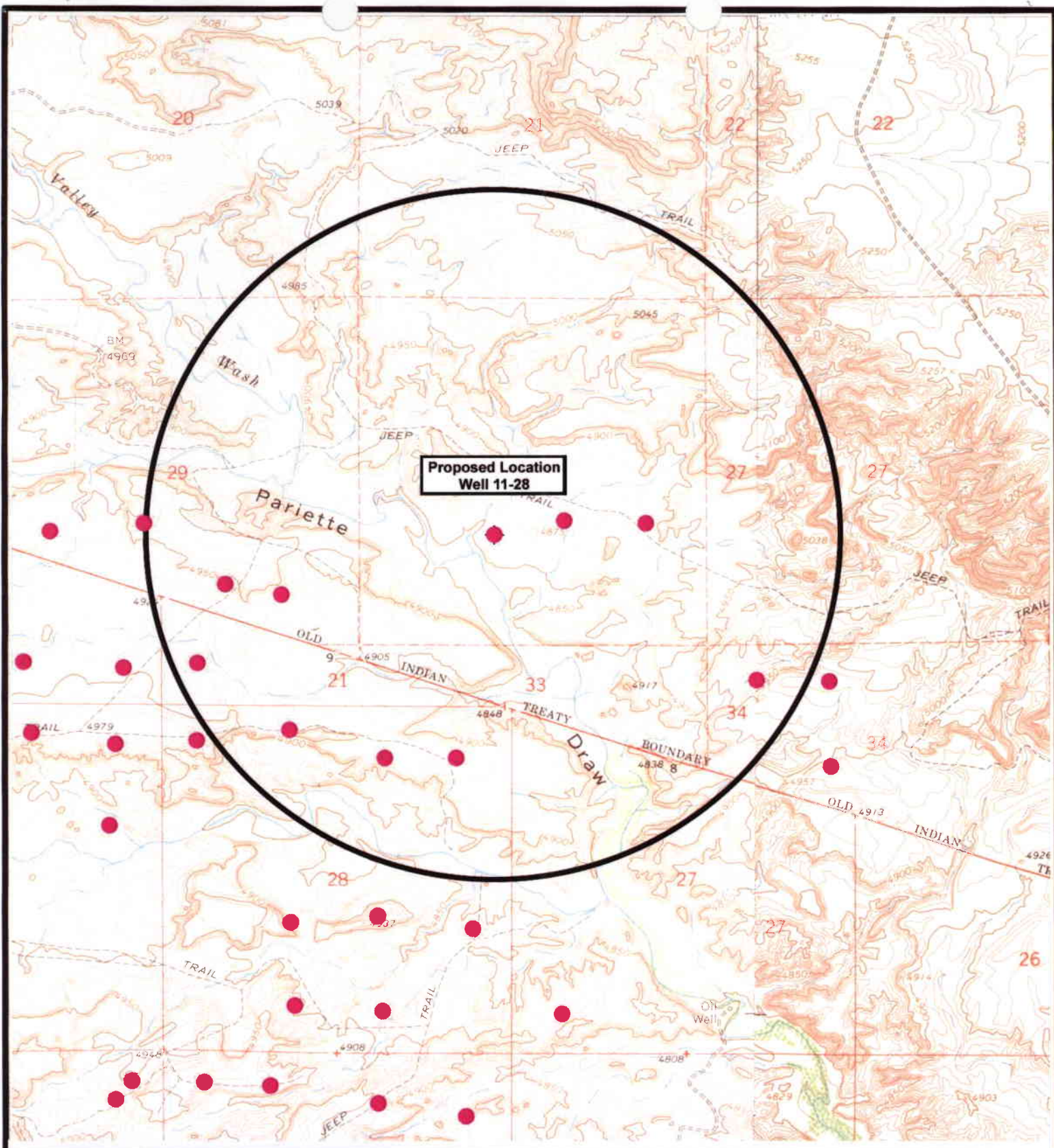















**NEWFIELD**  
Exploration Company

**Well 11-28-41E**  
**SEC. 28, T4S, R1E, U.S.B.&M.**





**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: JAS

DATE: 06-20-2008

Legend

● Location

One-Mile Radius

**Exhibit "B"**

# 2-M SYSTEM

Blowout Prevention Equipment Systems

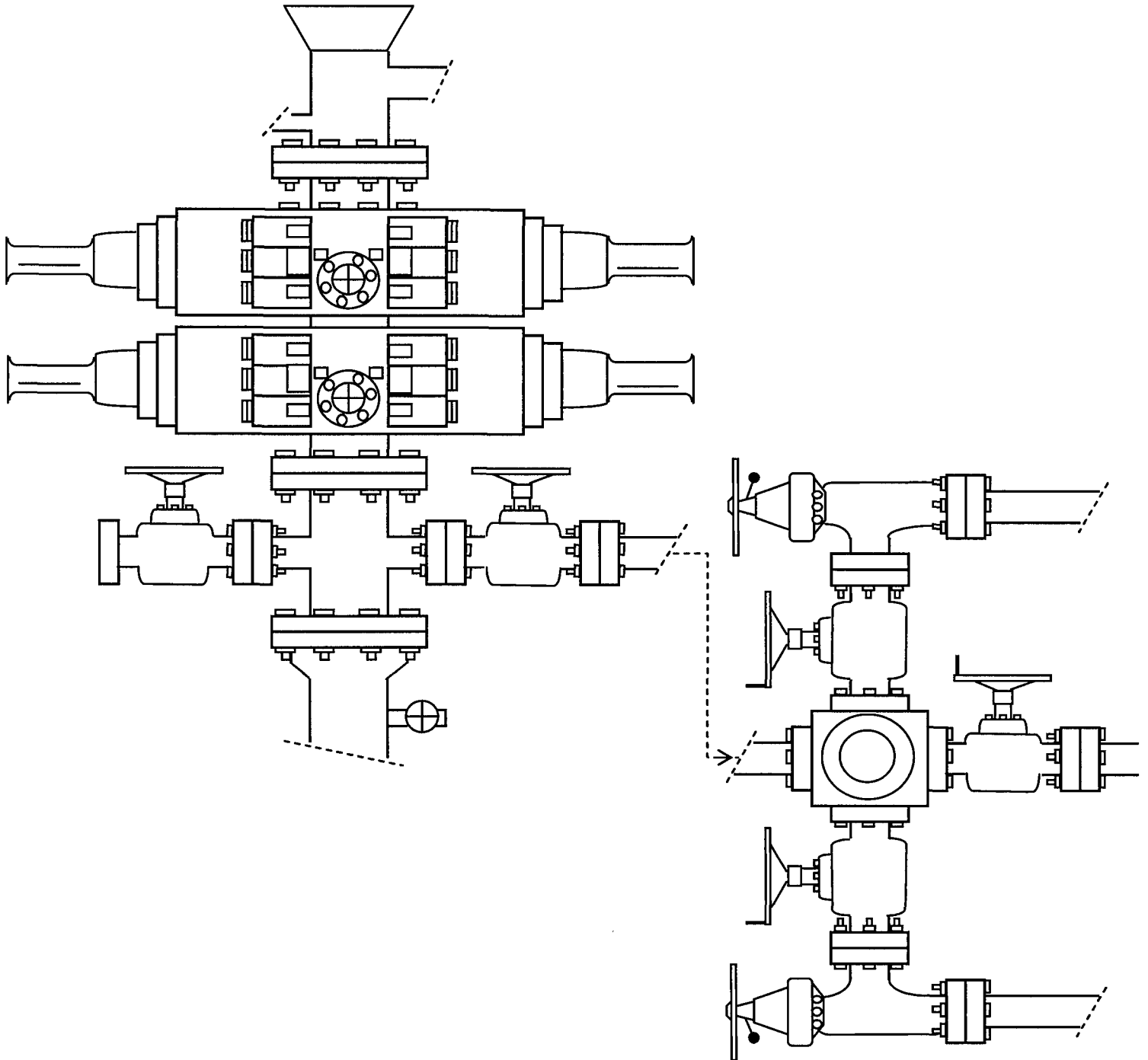


EXHIBIT C


## EXHIBIT D

Wells located on Kendall Investments LLC, Mike Kendall  
(Private Land Owner)

### ARCHAEOLOGICAL & PALEOTOLOGICAL REPORT WAIVER

For the above referenced location; Kendall Investments LLC, Mike Kendall, the Private Surface Owner. (Having a Surface Owner Agreement with Newfield Production Company)

Mike Kendal, representing this entity does agree to waive the request from the State of Utah and Bureau of Land Management for an Archaeological/Cultural and Paleotological Resource Survey for any wells covered by the Surface Use Agreement dated 01/18/08 between the above said private land owner and Newfield Production. This waiver hereby releases Newfield Production Company from this request.

  
Mike Kendall      Date  
Private Surface Owner      1-18-08

  
Brad Mecham      Date  
Newfield Production Company

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/28/2008

API NO. ASSIGNED: 43-047-40259

WELL NAME: OSMOND-MEYER 11-28-4-1E  
OPERATOR: NEWFIELD PRODUCTION ( N2695 )  
CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NESW 28 040S 010E  
SURFACE: 1733 FSL 2086 FWL  
BOTTOM: 1733 FSL 2086 FWL  
COUNTY: UINTAH  
LATITUDE: 40.10341 LONGITUDE: -109.8891  
UTM SURF EASTINGS: 594684 NORTHINGS: 4439616  
FIELD NAME: UNDESIGNATED ( 2 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	11/5/08
Geology		
Surface		

LEASE TYPE: 4 - Fee  
LEASE NUMBER: FEE  
SURFACE OWNER: 4 - Fee

PROPOSED FORMATION: GRRV  
COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[] Ind[] Sta[] Fee[]  
(No. B001834 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 43-10136 )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

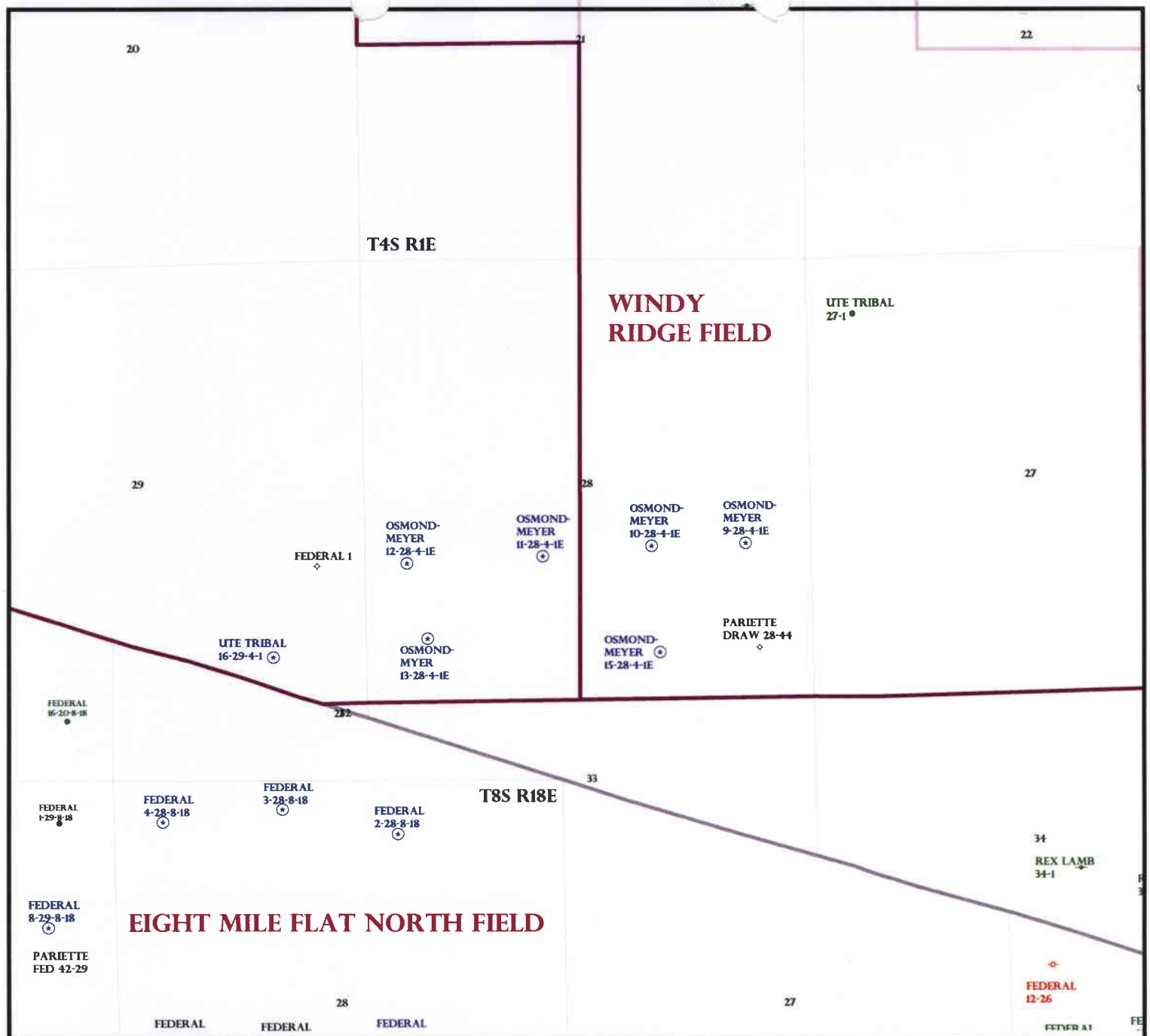
LOCATION AND SITING:

\_\_\_ R649-2-3.  
Unit: \_\_\_  
\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
☒ R649-3-3. Exception  
\_\_\_ Drilling Unit  
Board Cause No: \_\_\_  
Eff Date: \_\_\_  
Siting: \_\_\_  
\_\_\_ R649-3-11. Directional Drill

COMMENTS: Needs Permit (04-23-08)

STIPULATIONS: 1- Drilling Stop

2- Statement of Basis  
3- Surface Casing Cont Stop



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 28 T.4S R. 1E

FIELD: UNDESINGATED (002)

COUNTY: UINTAH

SPACING: R649-3-3 / EXCEPTION LOCATION



PREPARED BY: DIANA MASON  
DATE: 29-JULY-2008



# Application for Permit to Drill

## Statement of Basis

10/1/2008

Utah Division of Oil, Gas and Mining

Page 1

<b>APD No</b>	<b>API WellNo</b>	<b>Status</b>	<b>Well Type</b>	<b>Surf Ownr</b>	<b>CBM</b>
899	43-047-40259-00-00		OW	P	No
<b>Operator</b>	NEWFIELD PRODUCTION COMPANY		<b>Surface Owner-APD</b>		
<b>Well Name</b>	OSMOND-MEYER 11-28-4-1E		<b>Unit</b>		
<b>Field</b>	UNDESIGNATED		<b>Type of Work</b>		
<b>Location</b>	NESW 28 4S 1E S 1733 FSL 2086 FWL GPS Coord (UTM) 594684E 4439616N				

### Geologic Statement of Basis

Newfield proposes to set 290' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 400'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 28. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. It is recommended that surface casing be extended to cover the base of the moderately saline ground water.

Brad Hill  
APD Evaluator

10/1/2008  
Date / Time

### Surface Statement of Basis

The proposed Osmond-Meyer 11-28-4-1E oil well location is approximately 27.0 road miles southeast of Myton, UT in the lower Pleasant Valley area of the Monument Butte Field. It is also about 14 air miles southeast of Roosevelt, Utah. Pariette Draw and Pleasant Valley Wash are the major drainages in the area. Both of these drainages contain perennial streams somewhat consisting of irrigation runoff and seepage occurring above the area. Pleasant Valley Wash joins Pariette Draw in the general area. Pariette Draw runs into the Green River approximately 9 miles downstream above Ouray, Utah. Poorly vegetated or barren flats surrounded by low hills and intersected with deep draws characterize the general area. Access is by State and County and planned or existing oil field development roads. Approximately 1630 feet of new construction will be required to access this well.

This location is in the wide somewhat flat bottom of Pariette Draw Wash. Terrain has a slight slope to the southwest toward the wash. Sandy hummocky ridges exist to the north. No drainages intersect the planned location. Slight overland flow is evident. The pad is planned to be bermed. This will keep flows from entering the location. No springs, streams or seeps occur in the immediate area. Pariette Draw Wash, which contains a perennial stream, is approximately 200 yards to the southwest.

The location appears to be a suitable site for drilling and operating a well and is the best site in the immediate area.

The Kendell Investments LLC owns the surface and minerals are also FEE owned by another entity. Mike Kendell, representing Kendell Investment LLC, attended the pre-site visit. He had no concerns regarding the plan as proposed. A signed surface use agreement exists.

Floyd Bartlett  
Onsite Evaluator

9/23/2008  
Date / Time



---

# **Application for Permit to Drill**

## **Statement of Basis**

10/1/2008

**Utah Division of Oil, Gas and Mining**

Page 2

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### **Conditions of Approval / Application for Permit to Drill**

<b>Category</b>	<b>Condition</b>
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad and overland flow from entering..
Surface	The reserve pit shall be fenced upon completion of drilling operations.

# **ON-SITE PREDRILL EVALUATION**

## **Utah Division of Oil, Gas and Mining**

**Operator** NEWFIELD PRODUCTION COMPANY  
**Well Name** OSMOND-MEYER 11-28-4-1E  
**API Number** 43-047-40259-0 **APD No** 899 **Field/Unit** UNDESIGNATED  
**Location:** 1/4,1/4 NESW **Sec** 28 **Tw** 4S **Rng** 1E 1733 FSL 2086 FWL  
**GPS Coord (UTM)** 594689 4439633 **Surface Owner**

### **Participants**

Floyd Bartlett (DOGM), Kevan Stevens (Newfield), Mike Kendell (Kendell Investments, LLC) and Cory Miller (Tri-State Land Surveying, LLC).

### **Regional/Local Setting & Topography**

The proposed Osmond-Meyer 11-28-4-1E oil well location is approximately 27.0 road miles southeast of Myton, UT in the lower Pleasant Valley area of the Monument Butte Field. It is also about 14 air miles southeast of Roosevelt, Utah. Pariette Draw and Pleasant Valley Wash are the major drainages in the area. Both of these drainages contain perennial streams somewhat consisting of irrigation runoff and seepage occurring above the area. Pleasant Valley Wash joins Pariette Draw in the general area. Pariette Draw runs into the Green River approximately 9 miles downstream above Ouray, Utah. Poorly vegetated or barren flats surrounded by low hills and intersected with deep draws characterize the general area. Access is by State and County and planned or existing oil field development roads. Approximately 1630 feet of new construction will be required to access this well.

This location is in the wide somewhat flat bottom of Pariette Draw Wash. Terrain has a slight slope to the southwest toward the wash. Sandy hummocky ridges exist to the north. No drainages intersect the planned location. Slight overland flow is evident. The pad is planned to be bermed. This will keep flows from entering the location. No springs, streams or seeps occur in the immediate area. Pariette Draw Wash, which contains a perennial stream, is approximately 200 yards to the southwest.

The location appears to be a suitable site for drilling and operating a well and is the best site in the immediate area.

The Kendell Investments LLC owns the surface and minerals are also FEE owned by another entity. Mike Kendell, representing Kendell Investment LLC, attended the pre-site visit. He had no concerns regarding the plan as proposed. A signed surface use agreement exists.

### **Surface Use Plan**

#### **Current Surface Use**

Grazing  
Recreational  
Wildlife Habitat

#### **New Road**

Miles	Well Pad	Src Const Material	Surface Formation
0.25	Width 199 Length 290	Onsite	UNTA

**Ancillary Facilities** N

### **Waste Management Plan Adequate?**

### **Environmental Parameters**

**Affected Floodplains and/or Wetland** N

**Flora / Fauna**

Moderately vegetated with rabbit brush, agoseris spp., sand dropseed, curly mesquite, globemallow, Indian ricegrass, cheat grass, 4-winged saltbrush and spring annuals..

Cattle, prairie dogs, antelope, small mammals and birds.

**Soil Type and Characteristics**

Soils are a deep sandy loam.

**Erosion Issues N****Sedimentation Issues Y**

Slight overland flow is evident. The pad is planned to be bermed. This will keep flows from entering the location

**Site Stability Issues N****Drainage Diversion Required N****Berm Required? Y****Erosion Sedimentation Control Required? Y**

Slight overland flow is evident. The pad is planned to be bermed. This will keep flows from entering the location

**Paleo Survey Run? N    Paleo Potential Observed? N    Cultural Survey Run? N    Cultural Resources?**

**Reserve Pit****Site-Specific Factors****Site Ranking**

<b>Distance to Groundwater (feet)</b>	25 to 75	15
<b>Distance to Surface Water (feet)</b>	300 to 1000	2
<b>Dist. Nearest Municipal Well (ft)</b>	>5280	0
<b>Distance to Other Wells (feet)</b>	>1320	0
<b>Native Soil Type</b>	Mod permeability	10
<b>Fluid Type</b>	Fresh Water	5
<b>Drill Cuttings</b>	Normal Rock	0
<b>Annual Precipitation (inches)</b>	<10	0
<b>Affected Populations</b>	<10	0
<b>Presence Nearby Utility Conduits</b>	Not Present	0
<b>Final Score</b>		<b>32    1    Sensitivity Level</b>

**Characteristics / Requirements**

A reserve pit 40' x 70' x 8' deep will be located in an area of cut on the northwest side of the location. A pit liner is required. Newfield commonly uses a 16-mil liner.

**Closed Loop Mud Required? N    Liner Required? Y    Liner Thickness 16    Pit Underlayment Required? Y**

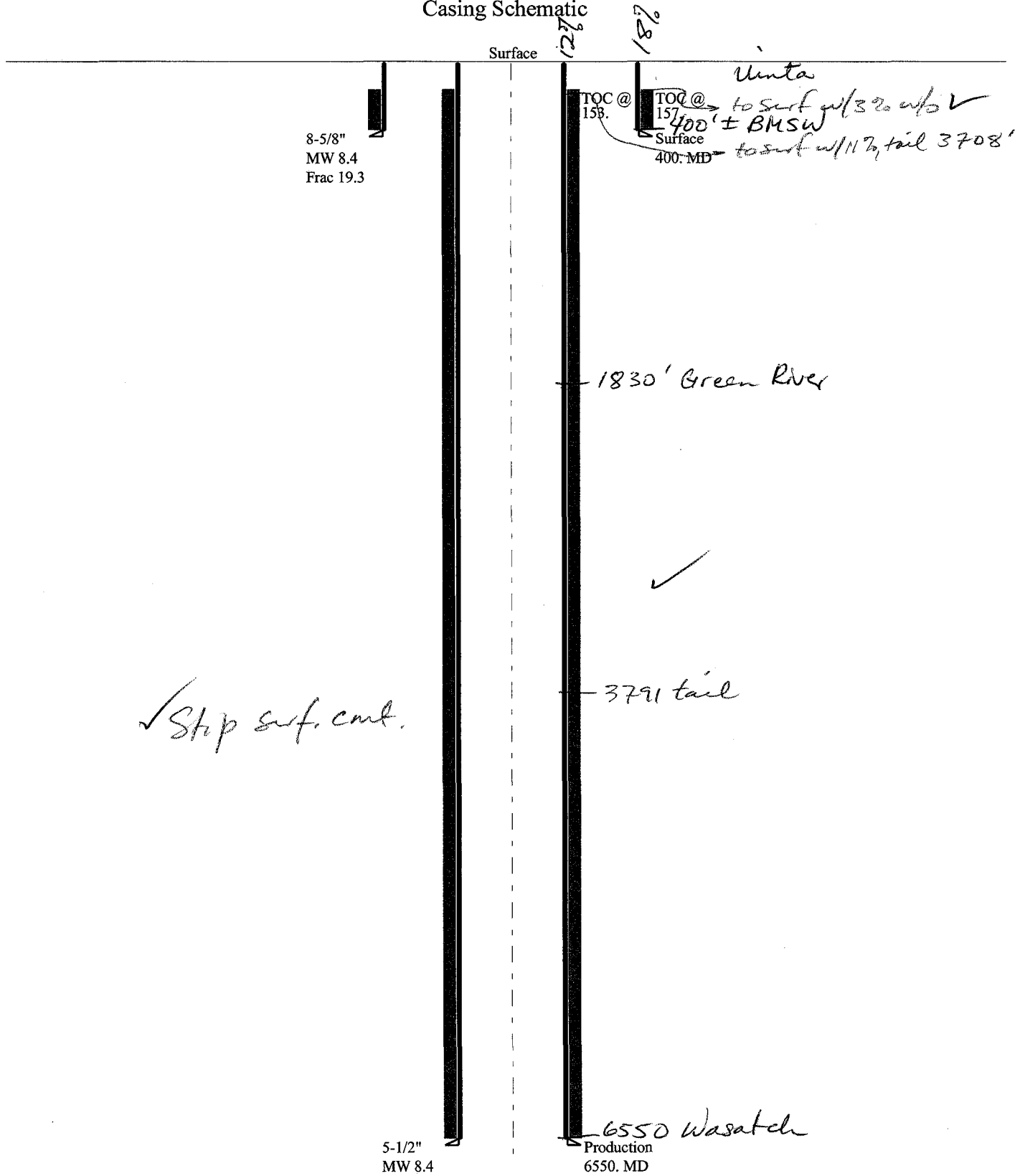
**Other Observations / Comments**

Floyd Bartlett  
Evaluator

9/23/2008  
Date / Time

43047402590000 Osmund-Meyer 11-28-4-1E

Casing Schematic



Well name:	<b>43047402590000 Osmund-Meyer 11-28-4-1E</b>		
Operator:	<b>Newfield Production Company</b>		
String type:	Production	Project ID:	43-047-40259-0000
Location:	Uintah County		

**Design parameters:**
**Collapse**

Mud weight: 8.400 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**
**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 157 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 368 ft

Cement top: 153 ft

**Burst**

Max anticipated surface pressure: 1,417 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP 2,858 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

**Non-directional string.**

Tension is based on air weight.  
Neutral point: 5,718 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	6550	5.5	15.50	J-55	LT&C	6550	6550	4.825	875.3

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2858	4040	1.413	2858	4810	1.68	102	217	2.14 J

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & Minerals

Phone: 810-538-5357

Date: October 14, 2008  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 6550 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:	<b>43047402590000 Osmund-Meyer 11-28-4-1E</b>	
Operator:	<b>Newfield Production Company</b>	Project ID:
String type:	<b>Surface</b>	<b>43-047-40259-0000</b>
Location:	<b>Uintah County</b>	

**Design parameters:**
**Collapse**

Mud weight: 8.400 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**
**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 71 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 185 ft

Cement top: 157 ft

**Burst**

Max anticipated surface pressure: 352 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 400 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on air weight.  
Neutral point: 349 ft

**Non-directional string.**
**Re subsequent strings:**

Next setting depth: 6,550 ft  
Next mud weight: 8.400 ppg  
Next setting BHP: 2,858 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 400 ft  
Injection pressure: 400 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	400	8.625	24.00	J-55	ST&C	400	400	7.972	143

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	175	1370	7.851	400	2950	7.38	10	244	25.42 J

Prepared Helen Sadik-Macdonald  
by: Div of Oil, Gas & Minerals

Phone: 810-538-5357

Date: October 14, 2008  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 400 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

# BOPE REVIEW

Newfield Osmond-Meyer 11-28-4-1E

API 43-047-40259-0000

## INPUT

Well Name

Newfield Osmond-Meyer 11-28-4-1E API 43-047-40259-0000

Casing Size (")

String 1 String 2

Setting Depth (TVD)

8 5/8 5 1/2

Previous Shoe Setting Depth (TVD)

400 6550

Max Mud Weight (ppg)

0 400

BOPE Proposed (psi)

8.4 8.4 ✓

Casing Internal Yield (psi)

0 2000

Operators Max Anticipated Pressure (psi)

2950 4810

2836 8.3 ppg ✓

## Calculations

String 1 8 5/8 "

Max BHP [psi]

.052\*Setting Depth\*MW = 175

BOPE Adequate For Drilling And Setting Casing at Depth?

MASP (Gas) [psi]

Max BHP-(0.12\*Setting Depth) = 127

NO Air drill

MASP (Gas/Mud) [psi]

Max BHP-(0.22\*Setting Depth) = 87

NO

\*Can Full Expected Pressure Be Held At Previous Shoe?

Pressure At Previous Shoe

Max BHP-.22\*(Setting Depth - Previous Shoe Depth) = 87

NO Reasonable depth

Required Casing/BOPE Test Pressure

400 psi

\*Max Pressure Allowed @ Previous Casing Shoe =

0 psi

\*Assumes 1psi/ft frac gradient

## Calculations

String 2 5 1/2 "

Max BHP [psi]

.052\*Setting Depth\*MW = 2861

BOPE Adequate For Drilling And Setting Casing at Depth?

MASP (Gas) [psi]

Max BHP-(0.12\*Setting Depth) = 2075

NO

MASP (Gas/Mud) [psi]

Max BHP-(0.22\*Setting Depth) = 1420

YES ✓

\*Can Full Expected Pressure Be Held At Previous Shoe?

Pressure At Previous Shoe

Max BHP-.22\*(Setting Depth - Previous Shoe Depth) = 1508

NO Reasonable

Required Casing/BOPE Test Pressure

2000 psi

\*Max Pressure Allowed @ Previous Casing Shoe =

400 psi

\*Assumes 1psi/ft frac gradient



August 5, 2008

State of Utah, Division of Oil, Gas & Mining  
ATTN: Diana Mason  
PO Box 145801  
Salt Lake City, UT 84114-5801

RE: Exception Location  
**Osmond-Meyer 11-28-4-1E**  
T4S R1E, Section 28: NESW  
1733' FSL 2086' FWL  
Uintah County, Utah

Dear Ms. Mason;


Pursuant to Rule 649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company ("NPC") hereby requests an exception location for the drilling of the captioned well. The proposed drillsite for this well is located 45' south of the drilling window required by Rule R649-3-2, which requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

The attached plat depicts the proposed location and illustrates the deviation from the drilling window. The requested location has been chosen to accommodate the surface owner.

Please note the drillsite and all surrounding acreage within a four hundred sixty (460') foot radius is fee acreage and the leasehold is owned 100% by NPC.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at [reveland@newfield.com](mailto:reveland@newfield.com). Your consideration of this matter is greatly appreciated.

Sincerely,

  
Roxann Eveland  
Land Associate

Attachment

RECEIVED  
AUG 11 2008

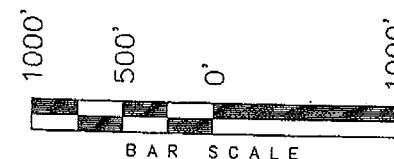
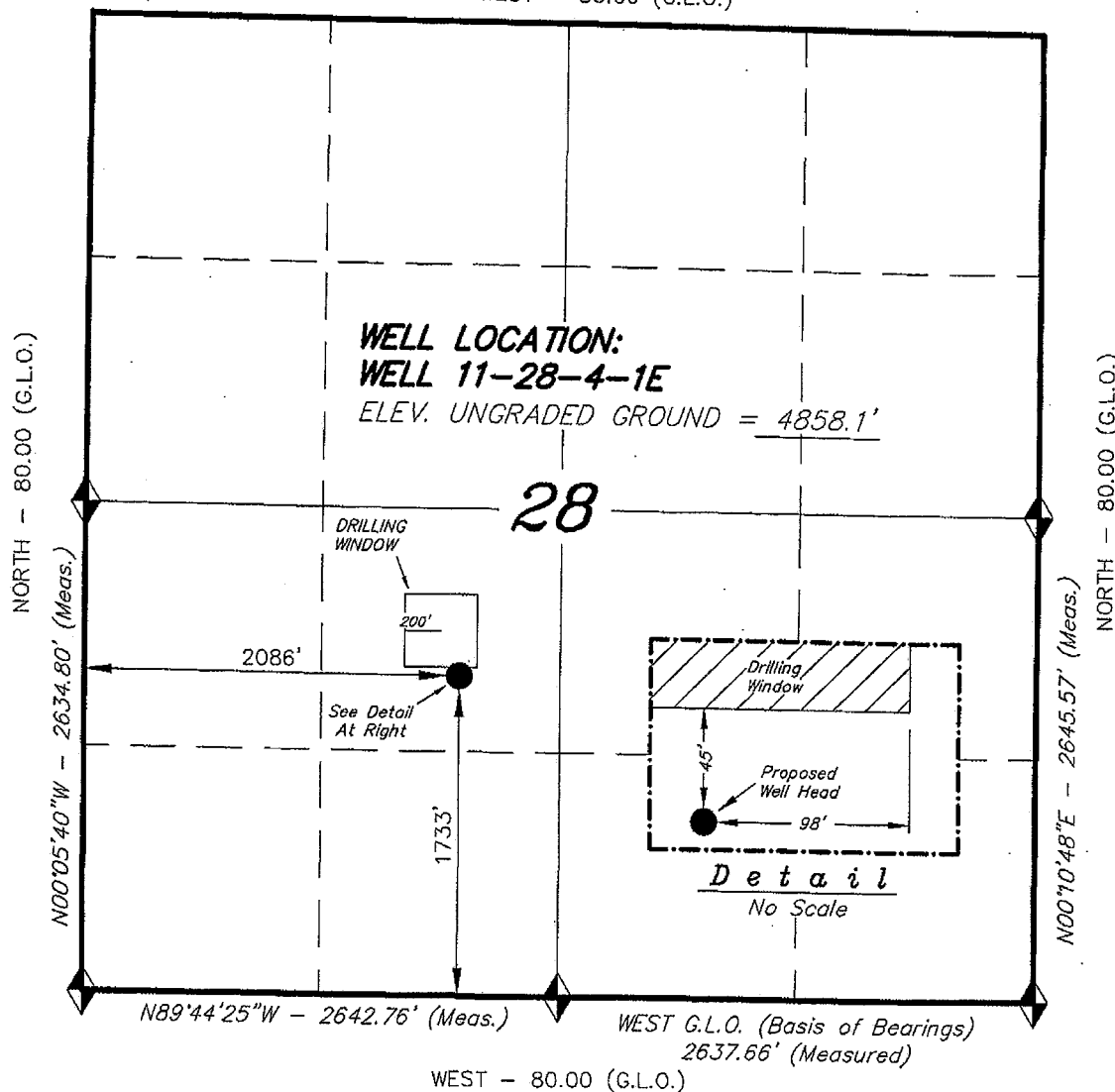


**T4S, R1E, U.S.B.&M.**

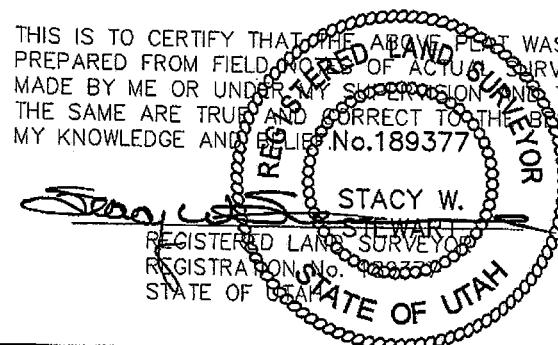
**NEWFIELD PRODUCTION COMPANY**

WEST - 80.00 (G.L.O.)

WELL LOCATION, WELL 11-28-4-1E,  
LOCATED AS SHOWN IN THE NE 1/4  
SW 1/4 OF SECTION 28, T4S, R1E,  
S.L.B.&M. UINTAH COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;  
U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW)

**WELL 11-28-4-1E**  
(Surface Location) NAD 83  
LATITUDE = 40° 06' 12.67"  
LONGITUDE = 109° 53' 23.25"

**TRI STATE LAND SURVEYING & CONSULTING**  
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

DATE SURVEYED: 06-10-08	SURVEYED BY: T.H.
DATE DRAWN: 06-12-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>APPLICATION FOR PERMIT TO DRILL, DEEPEN</b>				5. LEASE DESIGNATION AND SERIAL NO. <b>FEE</b>	
				6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>	
1a. TYPE OF WORK <b>DRILL</b> <input type="checkbox"/> <b>DEEPEN</b> <input checked="" type="checkbox"/> <b>RE-ENTER</b> <input type="checkbox"/>		7. UNIT AGREEMENT NAME <b>N/A</b>		8. FARM OR LEASE NAME <b>N/A</b>	
1b. TYPE OF WELL  OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		9. WELL NO. <b>Osmond-Meyer 11-28-4-1E</b>		10. FIELD AND POOL OR WILDCAT <b>Monument Butte</b>	
2. NAME OF OPERATOR <b>Newfield Production Company</b>		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NE/SW Sec. 28, T4S, R1E</b>		12. County <b>Uintah</b>	
3. ADDRESS AND TELEPHONE NUMBER: <b>Route #3 Box 3630, Myton, UT 84052</b>		Phone: <b>(435) 646-3721</b>		13. STATE <b>UT</b>	
4. LOCATION OF WELL (FOOTAGE) At Surface <b>NE/SW</b> <b>1733' FSL 2086' FWL</b> At proposed Producing Zone		14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>Approximately 27.0 miles southeast of Myton, UT</b>			
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>Approx. 413' f/lse line and NA' f/unit line</b>		16. NO. OF ACRES IN LEASE <b>NA</b>		17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>Approx. 1392'</b>		19. PROPOSED DEPTH <b>6550'</b>		20. ROTARY OR CABLE TOOLS <b>Rotary</b>	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>4858' GL</b>		22. APPROX. DATE WORK WILL START* <b>4th Quarter 2008</b>			
23. <b>PROPOSED CASING AND CEMENTING PROGRAM</b>					
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
12 1/4	8 5/8	24#	290'	155 sx +/- 10%	
7 7/8	5 1/2	15.5#	TD	275 sx lead followed by 450 sx tail	
				See Detail Below	

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give date on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

\*The actual cement volumes will be calculated off of the open hole logs, plus 15% excess:

**SURFACE PIPE** - 155 sx Class G Cement +/- 10%, w/ 2% CaCl<sub>2</sub> & 1/4#/sk Cello-flake  
Weight: 15.8 PPG YIELD: 1.17 Cu Ft/sk H<sub>2</sub>O Req: 5 gal/sk

**LONG STRING** - Lead: Premium Lite II Cement + 3lbs/sk BA-90 + 3% KCl + .25 lbs/sk Cello Flake + 2 lbs/sk Kol Seal + 10% Bentonite + .5% Sodium Metasilicate  
Weight: 11.0 PPG YIELD: 3.43 Cu Ft/sk H<sub>2</sub>O Req: 21.04 gal/sk

Tail: 50-50 Poz-Class G Cement + 3% KCl + .25 lbs/sk Cello Flake + 2% Bentonite + .3% Sodium Metasilicate  
Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H<sub>2</sub>O Req: 7.88 gal/sk

24. Name & Signature Mandie Crozier Title: Regulatory Specialist Date: 7/25/2008  
**Mandie Crozier**

(This space for State use only)

API Number Assigned: \_\_\_\_\_ APPROVAL: \_\_\_\_\_

\*See Instructions On Reverse Side

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AUG 11 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>APPLICATION FOR PERMIT TO DRILL, DEEPEN</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>FEE</b>	
1a. TYPE OF WORK    DRILL <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> RE-ENTER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>	
1b. TYPE OF WELL  OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. UNIT AGREEMENT NAME <b>N/A</b>	
2. NAME OF OPERATOR <b>Newfield Production Company</b>		8. FARM OR LEASE NAME <b>N/A</b>	
3. ADDRESS AND TELEPHONE NUMBER: <b>Route #3 Box 3630, Myton, UT 84052</b> Phone: <b>(435) 646-3721</b>		9. WELL NO. <b>Osmond-Meyer 11-28-4-1E</b>	
4. LOCATION OF WELL (FOOTAGE) At Surface <b>NE/SW 594684 X</b> 1733' FSL 2086' FWL <b>40.103414</b> At proposed Producing Zone <b>4439616 Y</b> <b>-109.889132</b>		10. FIELD AND POOL OR WILDCAT <b>Monument Butte</b> <i>undesigned</i>	
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NE/SW Sec. 28, T4S, R1E</b>		12. County <b>Uintah</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>Approximately 27.0 miles southeast of Myton, UT</b>		13. STATE <b>UT</b>	
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21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>4858' GL</b>		22. APPROX. DATE WORK WILL START* <b>4th Quarter 2008</b>	

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	400'	155 sx +/- 10%
7 7/8	5 1/2	15.5#	TD	275 sx lead followed by 450 sx tail
				See Detail Below

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**LONG STRING** - Lead: Premium Lite II Cement + 3lbs/sk BA-90 + 3% KCl + .25 lbs/sk Cello Flake + 2 lbs/sk Kol Seal + 10% Bentonite + .5% Sodium Metasilicate  
Weight: 11.0 PPG    YIELD: 3.43 Cu Ft/sk    H<sub>2</sub>O Req: 21.04 gal/sk

Tail: 50-50 Poz-Class G Cement + 3% KCl + .25 lbs/sk Cello Flake + 2% Bentonite + .3% Sodium Metasilicate  
Weight: 14.2 PPG    YIELD: 1.59 Cu Ft/sk    H<sub>2</sub>O Req: 7.88 gal/sk

24. Name & Signature: *Mandie Crozier* Title: Regulatory Specialist Date: 10/14/2008  
**Mandie Crozier**

(This space for State use only)

API Number Assigned: 43-047-40259

APPROVAL: \_\_\_\_\_

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 11-05-08

By: *[Signature]*

\*See Instructions On Reverse Side

**RECEIVED**

**OCT 14 2008**

**DIV. OF OIL, GAS & MINING**



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

November 5, 2008

Newfield Production Company  
Rt. #3, Box 3630  
Myton, UT 84052

Re: Osmond-Meyer 11-28-4-1E Well, 1733' FSL, 2086' FWL, NE SW, Sec. 28, T. 4 South,  
R. 1 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40259.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor



Operator: Newfield Production Company  
Well Name & Number Osmond-Meyer 11-28-4-1E  
API Number: 43-047-40259  
Lease: Fee

Location: NE SW Sec. 28 T. 4 South R. 1 East

### Conditions of Approval

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at: (801) 538-5338 office (801) 942-0871 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

#### 4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
6. Surface casing shall be cemented to surface.

Spud  
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross Rig #  
21 Submitted By Don Bastian  
Phone Number 435-823-6012  
Well Name/Number Osmond- Meyer 11-28-4-1E  
Qtr/Qtr NE/SW Section 28 Township 4S Range  
1E  
Lease Serial Number UTU-  
FEE  
API Number 43-047-  
40259

Spud Notice – Spud is the initial spudding of the well, not drilling  
out below a casing string.

Date/Time 1/28/09 12:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing  
times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 1/29/09 10:00 AM ☒ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time \_ \_ \_ \_ \_ AM ☐ PM ☐

Remarks \_\_\_\_\_

We Move Ross Rig #21 In To Spud

---



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR: **NEWFIELD PRODUCTION COMPANY**  
ADDRESS: **RT. 3 BOX 3630**  
**MYTON, UT 84052**

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12391	4301334599	GREATER BOUNDARY FEDERAL 9-19-8-17	NESE	19	8S	17E	DUCHESNE	1/26/2009	2/10/09
WELL COMMENTS: <i>GRPV</i>											
A	99999	17279	4304740259	OSMOND-MEYER 11-28-4-1E	NESW	28	4S	1E	UINTAH	1/28/2009	2/10/09
WELL COMMENTS: <i>GRPV</i>											
WELL COMMENTS:											
WELL COMMENTS:											

ACTION CODES (See instructions on back of form)  
A - new entity for new well (single well only)  
B - well to existing entity (group or unit well)  
C - from one existing entity to another existing entity  
D - well from one existing entity to a new entity  
E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED  
FEB 02 2009

DIV. OF OIL, GAS & MINING

*[Signature]*  
Signature  
Production Clerk  
Jentri Park  
01/30/09  
Date

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: OSMOND-MEYER 11-28-4-1E
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESW, 28, T4S, R1E		9. API NUMBER: 4304740259
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: UINTAH
		STATE: UT

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  02/01/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Spud Notice
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 1/28/09 MIRU Ross spud rig #21. Drill 415' of 12 1/4" hole with air mist. TIH W/10 Jt's 8 5/8" J-55 24# csgn. Set @ 413.09'. On 1/31/09 Cement with 218 sks of Class "G" w/ 2% CaCL+ 1/4# Cello Flake. Mixed @ 15.8 ppg> 1.17 cf/sk yeild. Returned 10 bbls cement to pit.

NAME (PLEASE PRINT) Johnny Davis

TITLE Drilling Foreman

SIGNATURE



DATE 02/01/2009

(This space for State use only)

**RECEIVED**  
**FEB 05 2009**  
**DIV. OF OIL, GAS & MINING**

## NEWFIELD PRODUCTION COMPANY - CASING &amp; CEMENT REPORT

8 5/8" CASING SET AT

413

LAST CASING                      SET AT

DATUM 12

DATUM TO CUT OFF CASING

DATUM TO BRADENHEAD FLANGE

TD DRILLER	415	LOGGER
------------	-----	--------

HOLE SIZE                      12 1/4"

OPERATOR Newfield Exploration Company

WELL OSMOND-MEYER 11-28-4-1E

FIELD/PROSPECT MB

CONTRACTOR & RIG # **Ross @ 21**

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
1		Guide shoe			STC	A	0.9	
1	8 5/8"	Csg./ Shoe jt.	24	J55	STC	A	38.7	
9	8 5/8"	Csg.	24	J55	STC	A	362.54	
1		WH 92			STC	A	0.95	
CASING INVENTORY BAL.			FEET	JTS	TOTAL LENGTH OF STRING			403.09
TOTAL LENGTH OF STRING			403.09	10	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS			1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT			0	0	CASING SET DEPTH			413.09
TOTAL			401.24	10	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)			401.24	10				
TIMING					GOOD CIRC THRU JOB Yes Bbls CMT CIRC TO SURFACE 10 RECIPROCATED PIP No BUMPED PLUG TO 188			
BEGIN RUN CSG.	Spud	10:00 AM	1/29/2009					
CSG. IN HOLE		11:00 AM	1/29/2009					
BEGIN CIRC		7:43 AM	1/31/2009					
BEGIN PUMP CMT		7:55 AM	1/31/2009					
BEGIN DSPL. CMT		8:07 AM	1/31/2009					
PLUG DOWN		8:17 AM	1/31/2009					

[illegible]

COMPANY REPRESENTATIVE Johnny Davis DATE 2/1/2009

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: OSMOND-MEYER 11-28-4-1E
5. PHONE NUMBER: 435.646.3721		9. API NUMBER: 4304740259
6. COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
7. STATE: UT		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 02/15/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 2/9/09 MIRU NDSI Rig #3. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 378'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6345'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 160 jt's of 5.5 J-55, 15.5# csgn. Set @ 6334.48' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 425 sks cement mixed @ 14.4 ppg & 1.24 yld. circ 25 bbl cmt to surface. Nipple down Bop's. Set slips @ 115,000 #'s tension. Release rig 5:00 PMon 2/14/09.

NAME (PLEASE PRINT) Johnny Davis

TITLE Drilling Foreman

SIGNATURE

DATE 02/15/2009

(This space for State use only)

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FEB 18 2009

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6334.48

LAST CASING      8 5/8"      SET AT      **413**

DATUM 12

DATUM TO CUT OFF CASING

DATUM TO BRADENHEAD FLANGE

TD DRILLER	6345	LOGG	6343
------------	------	------	------

HOLE SIZE	7 7/8"
-----------	--------

OPERATOR Newfield Exploration Company

WELL OSMOND-MEYER 11-28-4-1E

FIELD/PROSPECT MB

CONTRACTOR & RIG #                      NDSI Rig #3

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION		WT / FT	GRD	THREAD	CONDT	LENGTH
1	5 1/2"	Landing jt		15.5	J-55	8rd	A	14
159	5 1/2"	LT&C Csg.		15.5	J-55	8rd	A	6279.12
1	5 1/2"	Float collar					A	1.74
1	5 1/2"	Shoe jt		15.5	J-55	8rd	A	40.75
1	5 1/2"	Guide shoe					A	0.87

CEMENT USED		CEMENT COMPANY- BJ
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	300	PLII+3%KCL+5#CSE+0.5%#CF+2#KOL+.5SMS+FP+SF 11 ppg 3.53 yield
2	425	50:50:2+3%KCL+0.5%EC-1+.25#CF+.05#SF+.3SMS+FP-6L 14.4 ppg
		1.24 yield
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Middle first,topsecond & third. Then every third collar for a total of 20		

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: OSMOND MEYER 11-28-4-1E
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESW, 28, T4S, R1E		9. API NUMBER: 4304740259
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
STATE: UT		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: <u>05/28/2009</u>				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 04/06/09, attached is a daily completion status report.

NAME (PLEASE PRINT) <u>Jentri Park</u>	TITLE <u>Production Clerk</u>
SIGNATURE 	DATE <u>05/28/2009</u>

(This space for State use only)

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**JUN 02 2009**

DIV. OF OIL, GAS & MINING



## Daily Activity Report

Format For Sundry

**OSMOND-MEYER 11-28-4-1E**

**2/1/2009 To 6/30/2009**

**3/23/2009 Day: 1**

**Completion**

Rigless on 3/23/2009 - Run CBL & shoot first stage.- Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6234' cement top @ 78'. Perforate stage #1. CP5 sds @ 6222-30' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. 149 BWTR. SIFN.

**3/31/2009 Day: 2**

**Completion**

Rigless on 3/31/2009 - Frac well.- RU BJ Services. 25 psi on well. Broke @ 3547 psi. ISIP @ 1665 psi, 1 min @ 1241 psi, 4 min @ 1018 psi. FG @ .70. Frac CP5 sds w/ 16,290#'s of 20/40 sand in 302 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2809 psi w/ ave rate of 25.2 BPM. ISIP 2035 psi, 5 min @ 1837 psi, 10 min @ 1740 psi, 15 min @ 1677 psi. FG @ .76. Leave pressure on well. 451 BWTR.,RU The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 8' perf gun. Set plug @ 5430'. Perforate C sds @ 5354-62' w/ 3 1/8" slick gun (.49" EH, 19 gram, 120°) w/ 4 spf for total of 32 shots. RU BJ Services. 1378 psi on well. Perfs would not break. Dump bail acid on perfs. RU BJ Services. 1282 psi on well. Broke @ 3256 psi. ISIP @ 1228 psi, 1 min @ 1154 psi, 4 min @ 963 psi. FG @ .66. Frac C sds w/ 41,420#'s of 20/40 sand in 427 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2506 psi w/ ave rate of 25.7 BPM. ISIP 1938 psi, 5 min @ 1805 psi, 10 min @ 1734 psi, 15 min @ 1687 psi. FG @ .80. Leave pressure on well. 1185 BWTR.,RU The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 16, 4' perf guns. Set plug @ 4670'. Perforate GB2 sds @ 4560-76' & GB4 sds @ 4597-4601' w/ 3 1/8" slick gun (.49" EH, 19 gram, 120°) w/ 4 spf for total of 80 shots. RU BJ Services. 1791 psi on well. Broke @ 3666 psi. ISIP @ 1710 psi, 1 min @ 1670 psi, 4 min @ 1689 psi. FG @ .81. Frac GB2/GB4 sds w/ 84,443#'s of 20/40 sand in 604 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2316 psi w/ ave rate of 25.7 BPM. ISIP 1789 psi, 5 min @ 1640 psi, 10 min @ 1545 psi, 15 min @ 1489 psi. FG @ .82. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 6 hrs. & died. Recovered 864 bbls. 1445 BWTR. SWIFN.,RU The Perforators, llc WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug @ 12' perf gun. Set plug @ 5120'. Perforate DS3 sds @ 5048-60' w/ 3 1/8" slick gun (.49" EH, 19 gram, 120°) w/ 4 spf for total of 48 shots. RU BJ Services. 1476 psi on well. Broke @ 3832 psi. ISIP @ 1791 psi, 1 min @ 1429 psi, 4 min @ 1425 psi. FG @ .79. Frac DS3 sds w/ 61,307#'s of 20/40 sand in 520 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2944 psi w/ ave rate of 25.7 BPM. ISIP 2650 psi, 5 min @ 2220 psi, 10 min @ 2017 psi, 15 min @ 1960 psi. FG @ .96. Leave pressure on well. 1705 BWTR.,RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 2- 6' perf guns. Set plug @ 6020'. Perforate CP.5 sds @ 5896-5902' & CP1 sds @ 5944-50' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 92 shots. RU BJ Services. 1532 psi on well. Well would not break. Dump bail acid on perfs. RU BJ Services. 1660 psi on well. Broke @ 3150 psi. ISIP @ 1665 psi. Pressure increased, skipped 1 & 4 min shut in. FG @ .70. Frac CP.5/CP1 sds w/ 15,538#'s of 20/40 sand in 307 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2300 psi w/ ave rate of 25.6 BPM. ISIP 1689 psi. FG @ .72. Leave pressure on well. 758 BWTR.

**4/3/2009 Day: 3**

**Completion**

Nabors #823 on 4/3/2009 - PU tbq.- MIRU Nabors #823. 400 psi on csg. Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schaeffer BOP. RIH w/ 4 3/4" chomp

bit, bit sub & new 2 7/8" tbg. from pipe racks (tallying & drifting tbg.). Tag fill @ 4665'. RU power swivel & pump. Wait on water. SWIFN.

**4/6/2009 Day: 4****Completion**

Nabors #823 on 4/6/2009 - DU CBPs.- 100 psi on tbg. 50 psi on csg. Bleed off well. RIH w/ tbg. Tag fill @ 4665'. C/O to CBP @ 4670'. DU CBP in 20 min. Cont. RIH w/ tbg. Tag fill @ 5100'. C/O to CBP @ 5120'. DU CBP in 15 min. Cont. RIH w/ tbg. Tag fill @ 5334'. C/O to CBP @ 5430'. DU CBP in 25 min. Cont. RIH w/ tbg. Tag fill @ 5957'. C/O to CBP @ 6020'. Circulate well clean. SWIFN.

**4/7/2009 Day: 5****Completion**

Nabors #823 on 4/7/2009 - 4-6-09: C/O to PBTD @ 6291'. Swab for cleanup. POOH w/ tbg. RIH w/ partial production string.- 100 psi tbg., 100 psi csg. Bleed off well. Cont. RIH w/ tbg. Tag fill @ 6170'. C/O to PBTD @ 6291'. Circulate well clean. Pull up to 6137'. RU swab. SFL @ 300'. Made 15 runs. Recovered 140 bbls. Ending oil cut @ 10%. No show of sand. EFL @ 1500'. RD swab. RIH w/ tbg. Tag PBTD @ 6291'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" bull plug, 3 jts 2 7/8" tbg., 2 7/8" nipple, PBGA, 1 jt 2 7/8" tbg, PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 91 jts 2 7/8" tbg. SWIFN.

**4/8/2009 Day: 6****Completion**

Nabors #823 on 4/8/2009 - 4-7-09: RIH w/ rods. PWOP @ 1:00 p.m. 102" stroke, 4 spm. Final Report. 1225 bwtr.- 60 psi on csg. & tbg. Bleed off well. Cont. RIH w/ tbg. ND BOP. Set TAC @ 6018' w/ 18,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. RIH w/ Central Hydraulics 2 1/2" x 1 1/2" x 16' x 20' RHAC rod pump, 6- 1 1/2" weight bars, 20- 3/4" guided rods, 116- 3/4" slick rods, 99- 7/8" guided rods, 2- 8', 1- 2' x 7/8" pony sub, 1 1/2" x 26' polished rod. Seat pump. RU pumping unit. Hang off rods. Stroke test pump to 800 psi. Good pump action. RD. Put well on production @ 1:00 p.m. 102" stroke length, 4 spm. Final Report. 1225 BWTR. **Finalized**

**Pertinent Files: Go to File List**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
Other: \_\_\_\_\_

2. Name of Operator  
NEWFIELD EXPLORATION COMPANY3. Address  
1401 17TH ST. SUITE 1000 DENVER, CO 802023a. Phone No. (include area code)  
(435)646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 1733' FSL &amp; 2086' FWL (NE/SW) SEC. 28, T4S, R1E

At top prod. interval reported below

At total depth 6345'

14. Date Spudded  
01/28/200915. Date T.D. Reached  
02/13/200916. Date Completed 04/07/2009  
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)\*  
4858' GL 4870' KB18. Total Depth: MD 6450'  
TVD19. Plug Back T.D.: MD 6406'  
TVD20. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
✓ DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

## 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#		413'		218 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		6334'		300 PRIMLITE		78'	
						425 50/50 POZ			

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT @ 6183'	TA @ 6018'						

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER			(CP5) 6222-6230'	.49"	4	32
B) GREEN RIVER			(CP.5)(CP1)see below	.49"	4	64
C) GREEN RIVER			(C)5354-5362'	.49"	4	32
D) GREEN RIVER			(DS3) 5048-5060'	.49"	4	48

## 27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
6222-6230'	Frac w/ 16290# of 20/40 sand 302 bbls fluid
6068-6276'	Frac CP.5/CP1 sds w/ 15,538#'s of 20/40 sand in 307 bbls of Lightning 17 fluid.
5354-5362'	Frac C sds w/ 41,420#'s of 20/40 sand in 427 bbls of Lightning 17 fluid
5048-5060'	Frac DS3 sds w/ 61,307#'s of 20/40 sand in 520 bbls of Lightning 17 fluid.

## 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04/07/09	05/01/09	24	→	48	19	28			2-1/2" x 1-1/2" x 16' x 20' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

## 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

\*(See instructions and spaces for additional data on page 2)

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## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

## GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	4128' 4292'
				GARDEN GULCH 2 POINT 3	4417' 4718'
				X MRKR Y MRKR	4918' 4952'
				DOUGALS CREEK MRK BI CARBONATE MRK	5098' 5410'
				B LIMESTON MRK CASTLE PEAK	5540' 5876'
				BASAL CARBONATE TOTAL DEPTH (LOGGERS)	6274' 6343'

## 32. Additional remarks (include plugging procedure):

CP.5 sds @ 5896-5902' &amp; CP1 sds @ 5944-50'

Stage 5: Perforate GB2 sds @ 4560-76' & GB4 sds @ 4597-4601' w/ 3 1/8" slick gun (.49" EH, 19 gram, 120°) w/ 4 spf for total of 80 shots. Frac GB2/GB4 sds w/ 84,443#s of 20/40 sand in 604 bbls of Lightning 17 fluid.

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)     
 ☐ Geologic Report     
 ☐ DST Report     
 ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification     
 ☐ Core Analysis     
 ☐ Other:

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Tammi Lee

Title Production Clerk

Signature

Date 06/18/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)